

Section II
Soil and Site Information

Sanitary Facilities Table 1
Hyde County, South Dakota

(The information in this table indicates the dominant soil condition but does not eliminate the need for onsite investigation. The numbers in the value columns range from 0.01 to 1.00. The larger the value, the greater the limitation.)

Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
BdA: Bend-----	50	Somewhat limited Restricted permeability	0.82	Somewhat limited Seepage	0.50
Edwin-----	40	Somewhat limited Restricted permeability	0.82	Somewhat limited Seepage	0.50
BkE: Betts-----	55	Very limited Restricted permeability Slope	1.00 1.00	Very limited Slope Seepage	1.00 0.50
Java-----	35	Very limited Restricted permeability Slope	1.00 1.00	Very limited Slope Seepage	1.00 0.50
BkF: Betts-----	55	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope Seepage	1.00 0.50
Java-----	35	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope Seepage	1.00 0.50
Bn: Bon-----	90	Very limited Flooding Depth to saturated zone Restricted permeability	1.00 1.00 0.50	Very limited Flooding Seepage Depth to saturated zone	1.00 1.00 0.71
BuA: Bullcreek-----	95	Very limited Restricted permeability Flooding	1.00 0.40	Somewhat limited Flooding Slope	0.40 0.08

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
CcA: Capa-----	55	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Carter-----	35	Very limited Restricted permeability	1.00	Not limited	
ClA: Capa-----	55	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Slickspots, Dry----	30	Not rated		Not rated	
CpA: Carter-----	50	Very limited Restricted permeability	1.00	Not limited	
Promise-----	40	Very limited Restricted permeability	1.00	Not limited	
CrA: Cavo-----	55	Very limited Restricted permeability	1.00	Not limited	
Jerauld-----	35	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Cs: Cavo-----	55	Very limited Restricted permeability	1.00	Not limited	

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Stickney-----	35	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Df: Degrey-----	55	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Walke-----	35	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
DnB: Delmont-----	60	Very limited Filtering capacity	1.00	Very limited Seepage Slope	1.00 0.32
Oahe-----	30	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage Slope	1.00 0.32
Du: Durrstein-----	55	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00
Egas-----	35	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 1.00	Very limited Flooding Depth to saturated zone	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
EpC: Eakin-----	65	Very limited Restricted permeability	1.00	Very limited Slope Seepage	1.00 0.50
Peno-----	25	Very limited Restricted permeability	1.00	Very limited Slope	1.00
ErA: Eakin-----	65	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Raber-----	25	Very limited Restricted permeability	1.00	Not limited	
ErB: Eakin-----	55	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
Raber-----	35	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32
GfF: Gettys-----	50	Very limited Slope Restricted permeability	1.00 1.00	Very limited Slope	1.00
Sansarc-----	40	Very limited Depth to bedrock Slope	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
GmB: Glenham-----	60	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Java-----	30	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
GnA: Glenham-----	40	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Java-----	30	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.08
Cavo-----	20	Very limited Restricted permeability	1.00	Not limited	
GrA: Glenham-----	55	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Prosper-----	35	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Seepage Depth to saturated zone	0.50 0.39
GrB: Glenham-----	60	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
Prosper-----	30	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Seepage Depth to saturated zone Slope	0.50 0.39 0.08

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
GsA: Glenham-----	40	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
				Slope	0.08
Prosper-----	25	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
Hoven-----	20	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		
GtB: Glenham-----	40	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
				Slope	0.32
Prosper-----	25	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
				Slope	0.08
Java-----	20	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
				Slope	0.32
GuA: Glenham-----	35	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
Stickney-----	30	Very limited Restricted permeability	1.00	Somewhat limited Depth to saturated zone	0.39
		Depth to saturated zone	0.94		

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Hoven-----	25	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
HaA: Henkin-----	55	Not limited		Very limited Seepage	1.00
Blendon-----	35	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
HdA: Highmore-----	50	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
Degrey-----	40	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
HdB: Highmore-----	55	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage Slope	0.50 0.32
Degrey-----	35	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone Slope	0.39 0.32
HeA: Highmore-----	65	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
Eakin-----	25	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
HeB: Highmore-----	55	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
				Slope	0.32
Eakin-----	35	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
				Slope	0.32
Ho: Hoven-----	95	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		
HuB: Hurley-----	85	Very limited Restricted permeability	1.00	Very limited Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Slope	0.08
JaC: Java-----	40	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.92
Glenham-----	30	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.92
				Seepage	0.50
Prosper-----	20	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
				Slope	0.32
JbD: Java-----	60	Very limited Restricted permeability	1.00	Very limited Slope	1.00
		Slope	0.37	Seepage	0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Betts-----	30	Very limited Restricted permeability Slope	1.00 0.37	Very limited Slope Seepage	1.00 0.50
JcD: Java-----	55	Very limited Restricted permeability Slope	1.00 1.00	Very limited Slope Seepage	1.00 0.50
Betts-----	35	Very limited Restricted permeability Slope	1.00 1.00	Very limited Slope Seepage	1.00 0.50
JgB: Java-----	50	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
Glenham-----	40	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.32
JgC: Java-----	55	Very limited Restricted permeability	1.00	Very limited Slope Seepage	1.00 0.50
Glenham-----	35	Very limited Restricted permeability	1.00	Very limited Slope Seepage	1.00 0.50
JhC: Java-----	40	Very limited Restricted permeability	1.00	Very limited Slope Seepage	1.00 0.50

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Glenham-----	30	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.92
				Seepage	0.50
Prosper-----	20	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
				Slope	0.32
JsA: Jerauld-----	70	Very limited Restricted permeability	1.00	Somewhat limited Depth to saturated zone	0.39
		Depth to saturated zone	0.94		
Slickspots, Dry-----	20	Not rated		Not rated	
Ko: Kolls-----	95	Very limited Restricted permeability	1.00	Very limited Ponding	1.00
		Depth to saturated zone	1.00		
		Ponding	1.00		
Lc: Lawet-----	95	Very limited Depth to saturated zone	1.00	Very limited Depth to saturated zone	1.00
		Restricted permeability	0.68	Flooding	0.40
		Flooding	0.40	Seepage	0.32
M-W: Miscellaneous Water-	100	Not rated		Not rated	

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Ma: Macken-----	95	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
Mb: Macken-----	95	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
OaA: Oahe-----	90	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage	1.00
OdA: Oahe-----	65	Very limited Filtering capacity Restricted permeability	1.00 0.50	Very limited Seepage	1.00
Delmont-----	25	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
OkB: Oko-----	90	Very limited Restricted permeability Depth to bedrock	1.00 0.78	Somewhat limited Depth to soft bedrock Slope	0.42 0.32
OkC: Oko-----	90	Very limited Restricted permeability Depth to bedrock	1.00 0.78	Very limited Slope Depth to soft bedrock	1.00 0.42

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
OkD: Oko-----	90	Very limited Restricted permeability Slope Depth to bedrock	1.00 1.00 0.78	Very limited Slope Depth to soft bedrock	1.00 0.42
OnA: Onita-----	90	Very limited Restricted permeability	1.00	Not limited	
Os: Onita-----	50	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Hoven-----	40	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
OtB: Opal-----	90	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 0.32
OtC: Opal-----	90	Very limited Restricted permeability Depth to bedrock	1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00
OuD: Opal-----	50	Very limited Restricted permeability Depth to bedrock Slope	1.00 1.00 1.00	Very limited Depth to soft bedrock Slope	1.00 1.00

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Sansarc-----	40	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
Ow: Orthents, Gravelly--	95	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
		Slope	1.00	Slope	1.00
OxD: Orton-----	50	Very limited Slope	1.00	Very limited Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
Talmo-----	40	Very limited Slope	1.00	Very limited Slope	1.00
		Filtering capacity	1.00	Seepage	1.00
PgD: Peno-----	60	Very limited Restricted permeability	1.00	Very limited Slope	1.00
		Slope	1.00		
Gettys-----	30	Very limited Restricted permeability	1.00	Very limited Slope	1.00
		Slope	1.00		
Pk: Plankinton-----	95	Very limited Restricted permeability	1.00	Very limited Depth to saturated zone	1.00
		Depth to saturated zone	1.00	Ponding	1.00
		Ponding	1.00		
PrA: Promise-----	95	Very limited Restricted permeability	1.00	Not limited	

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		Rating class and limiting features	Value	Rating class and limiting features	Value
PrB: Promise-----	95	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32
Ps: Prosper-----	95	Very limited Restricted permeability	1.00	Somewhat limited Seepage	0.50
		Depth to saturated zone	0.94	Depth to saturated zone	0.39
RaA: Raber-----	90	Very limited Restricted permeability	1.00	Not limited	
RaB: Raber-----	90	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32
RcA: Raber-----	50	Very limited Restricted permeability	1.00	Not limited	
Cavo-----	40	Very limited Restricted permeability	1.00	Not limited	
RcB: Raber-----	55	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32
Cavo-----	35	Very limited Restricted permeability	1.00	Not limited	
RpB: Raber-----	60	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Peno-----	30	Very limited Restricted permeability	1.00	Somewhat limited Slope	0.32
RpC: Raber-----	55	Very limited Restricted permeability	1.00	Very limited Slope	1.00
Peno-----	35	Very limited Restricted permeability	1.00	Very limited Slope	1.00
RrA: Ree-----	95	Somewhat limited Restricted permeability	0.50	Somewhat limited Seepage	0.50
RsF: Rock Outcrop, Soft--	70	Not rated		Not rated	
Sansarc-----	25	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
SbF: Sansarc-----	65	Very limited Depth to bedrock	1.00	Very limited Depth to soft bedrock	1.00
		Slope	1.00	Slope	1.00
Opal-----	25	Very limited Restricted permeability	1.00	Very limited Depth to soft bedrock	1.00
		Depth to bedrock	1.00	Slope	1.00
		Slope	1.00		
StA: Stickney-----	55	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39

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Map symbol and soil name	Pct. of map unit	Septic tank absorption fields		Sewage lagoons	
		Rating class and limiting features	Value	Rating class and limiting features	Value
Java-----	35	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.08
SvA: Stickney-----	35	Very limited Restricted permeability Depth to saturated zone	1.00 0.94	Somewhat limited Depth to saturated zone	0.39
Java-----	30	Very limited Restricted permeability	1.00	Somewhat limited Seepage Slope	0.50 0.08
Hoven-----	20	Very limited Restricted permeability Depth to saturated zone Ponding	1.00 1.00 1.00	Very limited Depth to saturated zone Ponding	1.00 1.00
TaE: Talmo-----	90	Very limited Slope Filtering capacity	1.00 1.00	Very limited Slope Seepage	1.00 1.00
TbA: Talmo-----	90	Very limited Filtering capacity	1.00	Very limited Seepage	1.00
TcF: Talmo-----	65	Very limited Slope Filtering capacity	1.00 1.00	Very limited Slope Seepage Content of large stones	1.00 1.00 0.14
Java-----	25	Very limited Restricted permeability Slope	1.00 1.00	Very limited Slope Seepage	1.00 0.50

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		Rating class and limiting features	Value	Rating class and limiting features	Value
TdD: Talmo-----	60	Very limited Filtering capacity Slope	1.00 0.63	Very limited Slope Seepage	1.00 1.00
Delmont-----	30	Very limited Filtering capacity Slope	1.00 0.04	Very limited Seepage Slope	1.00 1.00
Te: Tetonka-----	95	Very limited Restricted permeability Ponding Depth to saturated zone	1.00 1.00 1.00	Very limited Ponding Depth to saturated zone	1.00 1.00
W: Water-----	100	Not rated		Not rated	
Wd: Wendte-----	90	Very limited Flooding Restricted permeability Depth to saturated zone	1.00 1.00 0.94	Very limited Flooding Depth to saturated zone	1.00 0.39

